



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/716,161	11/17/2003	Eric E. Blouin	RPS920030196US1/2964P	5306
47052	7590	11/22/2006	EXAMINER	
SAWYER LAW GROUP LLP			SUGENT, JAMES F	
PO BOX 51418			ART UNIT	
PALO ALTO, CA 94303			PAPER NUMBER	

2116

DATE MAILED: 11/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

10/716,161

Examiner

James F. Sugent

Applicant(s)

BLOUIN ET AL.

Art Unit

2116

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 28 September 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-39 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 21-39 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 September 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

This Office Action is sent in response to Applicant's Communication received September 25, 2006 for application number 10/716,161 originally filed November 17, 2003. The Office hereby acknowledges receipt of the following and placed of record in file: amendment to the drawing (Figure 2 of 3); amendment to the specification; and, amended claims 1-39 (wherein claims 1-20 have been canceled) are presented for examination.

#### ***Drawings***

The objection to the drawings presented in the Office Action from June 21, 2006 has been overcome.

#### ***Specification***

The amendments to the specification for pages 1 and 7 have been received and accepted.

#### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(c) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an

Art Unit: 2116

international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 21-39 are rejected under 35 U.S.C. 102(e) as being anticipated by Wiedeman et al. (U.S. Patent No. 6,651,093 B1) (hereinafter referred to as Wiedeman).

As to claim 21, Wiedeman discloses a method for efficiently assembling a processing system in a manufacturing environment, the method comprising: parsing (necessitated by storing MAC address-to-VLAN correlation for system 401 being connected to the system) a boot request packet ("dv\_connect" request) from an SUT (system under test) (401) to extract a MAC (media access control) address of the SUT (column 5, line 48 thru column 6, line 9 and Abstract and column 7, lines 4-21); and, binding (process of "connecting to network") the MAC address of the SUT to an MTSN (machine type serial number) directory ("barcode file" within database 224) for the SUT, the MTSN directory comprising a process state file built based on a customer order associated with the SUT (column 4, line 54 thru column 5, line 7 and column 5, line 18-33 and column 7, line 36-57 and Fig. 7A steps 702-708).

As to claim 22, Wiedeman further discloses the method of claim 21, wherein parsing of a boot request packet and binding of the MAC address are performed by a floor system server in communication with the SUT (column 4, lines 24-34).

As to claim 23, Wiedeman further discloses the method of claim 21, wherein parsing of a boot request packet and binding of the MAC address is performed for each of one or more network adapters in the SUT (Wiedeman discloses the SUTs are connected to various VPNs on an Ethernet link which necessitates binding all adapters; column 6, lines 9-21 and column 8, lines 50-52).

As to claim 24, Wiedeman further discloses the method of claim 21, further comprising: creating a file (switch file) with a binding entry for the MAC address of the SUT (column 5, line 62 thru column 6, line 9).

As to claim 25, Wiedeman further discloses the method of claim 21, further comprising: parsing a boot reply packet from the SUT to extract the MAC address of the SUT (column 7, lines 4-21 and column 7, lines 36-43); initiating transfer of the MTSN directory (barcode) bound to the MAC address of the SUT to a local server in communication with the SUT when the MTSN directory is not already on the local server (column 5, lines 18-32 and column 7, lines 36-57); setting the MTSN directory on the local server to be a working directory for the SUT (column 4, lines 54-65); and, launching a start-up script for the SUT to start a sequencer, the sequencer being a tool operable to control execution of tasks on the SUT (column 5, lines 48-61).

As to claim 26, Wiedeman further discloses the method of claim 25, wherein parsing of a boot reply packet, initiating transfer of the MTSN directory, setting of a working directory, and launching of a start-up script are performed by a local control machine (CAT) in communication with the SUT and the local server (column 5, lines 34-47).

As to claim 27, Wiedeman further discloses the method of claim 25, wherein the MTSN directory is transferred from a secondary server in communication with the local server (column 7, lines 36-57).

As to claim 28, Wiedeman discloses a computer readable medium encoded with a computer program for efficiently assembling a processing system in a manufacturing environment, the computer program comprising instructions for: parsing (necessitated by storing MAC address-to-VLAN correlation for system 401 being connected to the system) a boot

Art Unit: 2116

request packet (“dv\_connect” request) from an SUT (system under test) (401) to extract a MAC (media access control) address of the SUT (column 5, line 48 thru column 6, line 9 and Abstract and column 7, lines 4-21); and, binding (process of “connecting to network”) the MAC address of the SUT to an MTSN (machine type serial number) directory (“barcode file” within database 224) for the SUT, the MTSN directory comprising a process state file built based on a customer order associated with the SUT (column 4, line 54 thru column 5, line 7 and column 5, line 18-33 and column 7, line 36-57 and Fig. 7A steps 702-708).

As to claim 29, Wiedeman further discloses the computer readable medium of claim 28, wherein parsing of a boot request packet and binding of the MAC address are performed by a floor system server in communication with the SUT (column 4, lines 24-34).

As to claim 30, Wiedeman further discloses the computer readable medium of claim 28, wherein parsing of a boot request packet and binding of the MAC address is performed for each of one or more network adapters in the SUT (Wiedeman discloses the SUTs are connected to various VPNs on an Ethernet link which necessitates binding all adapters; column 6, lines 9-21 and column 8, lines 50-52).

As to claim 31, Wiedeman further discloses the computer readable medium of claim 28, wherein the computer program further comprises instructions for: creating a file (switch file) with a binding entry for the MAC address of the SUT (column 5, line 62 thru column 6, line 9).

As to claim 32, Wiedeman further discloses the computer readable medium of claim 28, wherein the computer program further comprises instructions for: parsing a boot reply packet from the SUT to extract the MAC address of the SUT (column 7, lines 4-21 and column 7, lines 36-43); initiating transfer of the MTSN directory (barcode) bound to the MAC address of the

Art Unit: 2116

SUT to a local server in communication with the SUT when the MTSN directory is not already on the local server (column 5, lines 18-32 and column 7, lines 36-57); setting the MTSN directory on the local server to be a working directory for the SUT (column 4, lines 54-65); and, launching a start-up script for the SUT to start a sequencer, the sequencer being a tool operable to control execution of tasks on the SUT (column 5, lines 48-61).

As to claim 33, Wiedeman further discloses the computer readable medium of claim 32, wherein parsing of a boot reply packet, initiating transfer of the MTSN directory, setting of a working directory, and launching of a start-up script are performed by a local control machine (CAT) in communication with the SUT and the local server (column 5, lines 34-47).

As to claim 34, Wiedeman further discloses the computer readable medium of claim 32, wherein the MTSN directory is transferred from a secondary server in communication with the local server (column 7, lines 36-57).

As to claim 35, Wiedeman discloses a system for efficiently assembling a processing system in a manufacturing environment, the system comprising: an SUT (system under test) (401); a floor system server (CAT) in communication with the SUT, the floor system server being operable to parse (necessitated by storing MAC address-to-VLAN correlation for system 401 being connected to the system) a boot request packet ("dv\_connect" request) from an SUT (system under test) to extract a MAC (media access control) address of the SUT (column 5, line 48 thru column 6, line 9 and Abstract and column 7, lines 4-21). and. bind (process of "connecting to network") the MAC address of the SUT to an MTSN (machine type serial number) directory ("barcode file" within database 224) for the SUT, the MTSN directory comprising a process state file built based on a customer order associated with the SUT (column

Art Unit: 2116

4, line 54 thru column 5, line 7 and column 5, line 18-33 and column 7, line 36-57 and Fig. 7A steps 702-708).

As to claim 36, Wiedeman further discloses the system of claim 35, wherein the floor system server is further operable to parse a boot request packet and bind the MAC address for each of one or more network adapters in the SUT (column 4, lines 24-34).

As to claim 37, Wiedeman further discloses the system of claim 35, wherein the floor system server is further operable to create a file (switch file) with a binding entry for the MAC address of the SUT (column 5, line 62 thru column 6, line 9).

As to claim 38, Wiedeman further discloses the system of claim 35, further comprising: a local control machine in communication with the SUT, the local control machine being operable to parse a boot reply packet from the SUT to extract the MAC address of the SUT (column 7, lines 4-21 and column 7, lines 36-43); initiate transfer of the MTSN directory (barcode) bound to the MAC address of the SUT to a local server in communication with the local control machine and the SUT when the MTSN directory is not already on the local server (column 5, lines 18-32 and column 7, lines 36-57); set the MTSN directory on the local server to be a working directory for the SUT (column 4, lines 54-65); and, launch a start-up script for the SUT to start a sequencer, the sequencer being a tool operable to control execution of tasks on the SUT (column 5, lines 48-61).

As to claim 39, Wiedeman further discloses the system of claim 38, wherein the MTSN directory is transferred from a secondary server in communication with the local server (column 7, lines 36-57).



***Response to Arguments***

Applicant's arguments with respect to claims 21-39 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

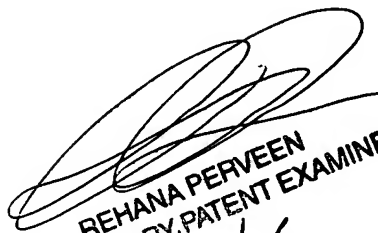
Any inquiry concerning this communication or earlier communications from the Examiner should be directed to James Sugent whose telephone number is (571) 272-5726. The Examiner can normally be reached on 8AM - 4PM.

Art Unit: 2116

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, Rehana Perveen can be reached on (571) 272-3676. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866) 217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call (800) 786-9199 (IN USA OR CANADA) or (571) 272-1000.

James F. Sugent  
Patent Examiner, Art Unit 2116  
November 13, 2006

  
REHANA PERVEEN  
SUPERVISORY PATENT EXAMINER  
11/20/06